

The
Economic
Benefit



of
Missouri's
Airport System



Missouri’s public-use airports, ranging in size and complexity, represent a major industry in the State. While these airports are sometimes overlooked by the general public, it is clear that they are significant contributors to the statewide economy. In addition to providing a safe and efficient mode of transportation, these facilities are critical components in industrial and economic recruitment efforts and in retaining and expanding Missouri’s existing businesses.

The Missouri Airport System provides thousands of jobs and billions of dollars of economic activity. The airports serve as the base operation for a wide array of aviation and aviation-related business such as airlines, air cargo companies, fixed base operators, government entities, and many others. Additionally, many of the State’s non-aviation employers depend on the system to transport personnel, equipment, and supplies in conducting their daily business activities. Also attributable to the airport system are the benefits produced by the millions of visitors that travel to Missouri each year in both commercial service and general aviation aircraft. These visitors support a variety of tourist-related business activities such as dining, lodging, retail, and entertainment.

In order to better understand the benefits of Missouri’s system of public-use airports to the statewide economy, the Missouri Department of Transportation, Aviation Section, completed an Economic Benefit Study to quantify the value of aviation to the State. The study was funded by the Federal Aviation Administration (FAA) and was carried out using an FAA-approved approach that has been applied to airport systems through the United States.

BENEFIT TYPES

First-Round Benefits include both direct and indirect benefits. Direct benefits include the economic activity associated with on-airport business tenants and government entities that support aviation. Indirect benefits typically occur off-airport and are attributable to visitor expenditures.

Secondary Benefits consist of the induced impact of the recirculation of direct and indirect benefits within the economy. This recirculation is known as the “multiplier effect”.

Total Benefits are the sum of all first-round and secondary benefits.

BENEFIT MEASURES

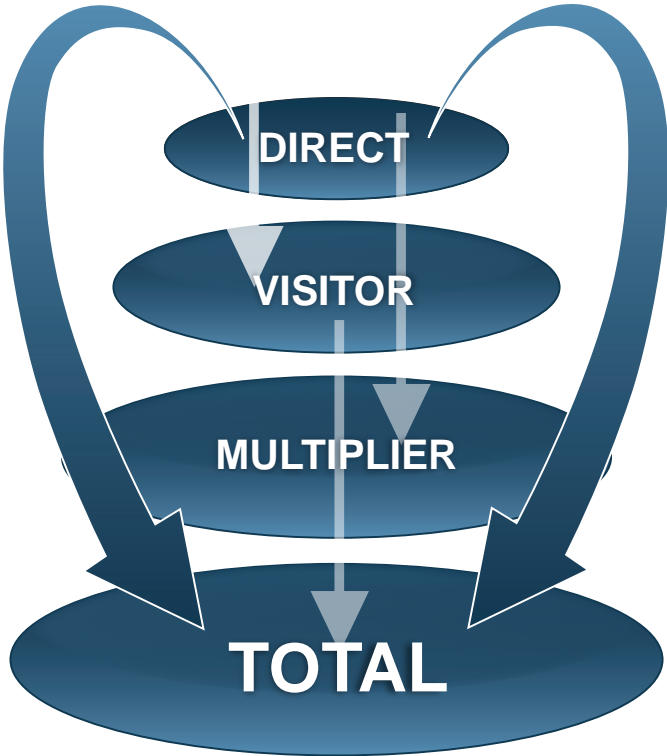
Employment measures the number of people employed in the aviation industry and the share of those employed in sectors that support aviation activity.

Payroll measures the total annual wages and benefits paid to all employees whose salaries are directly or indirectly attributable to aviation activity.

Output measures the dollar value of all aviation and aviation-related goods and services in Missouri. The economic output of aviation businesses is assumed to be the sum of annual gross sales and average annual capital expenditures.

SASP CODE	ASSOCIATED CITY	AIRPORT NAME	TOTAL EMPLOYMENT	TOTAL PAYROLL	TOTAL OUTPUT
109	Warrensburg	CMSU Max B Swisher Skyhaven	77.5	\$1,888,600	\$6,736,000
110	Warsaw	Warsaw Municipal	4.5	\$105,500	\$318,500
111	Washington	Washington Memorial	16.0	\$287,700	\$1,782,900
113	West Plains	West Plains Municipal	61.0	\$1,531,000	\$5,364,600
114	Willow Springs	Willow Springs Memorial	4.0	\$97,000	\$235,100
General Aviation Airports Total			7,438.5	\$246,738,800	\$774,396,500
Total			149,547.5	\$3,669,791,600	\$9,476,174,300

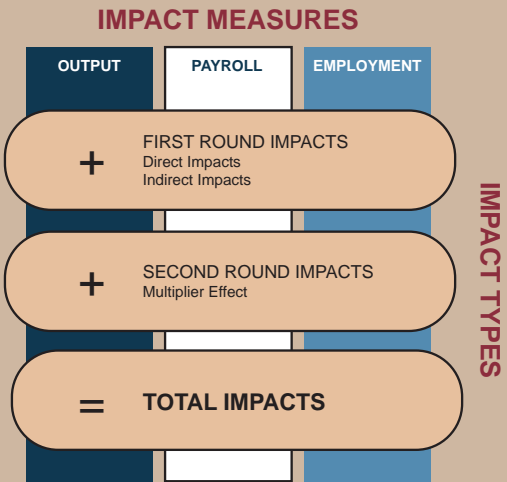
* This data was provided by airport management or determined as part of an airport-specific economic study
** Benefit associated with both commercial air service and general aviation activity
Source: Wilbur Smith Associates, Inc.



SASP CODE	ASSOCIATED CITY	AIRPORT NAME	TOTAL EMPLOYMENT	TOTAL PAYROLL	TOTAL OUTPUT
70	Mount Vernon	Mount Vernon Municipal	6.0	\$121,000	\$574,700
71	Mountain Grove	Mountain Grove Memorial	13.5	\$310,800	\$816,200
72	Mountain View	Mountain View	11.0	\$282,400	\$1,016,500
73	Neosho	Hugh Robinson Memorial	17.0	\$411,600	\$1,312,300
74	Nevada	Nevada Municipal	2.5	\$44,700	\$319,100
75	New Madrid	County Memorial	5.0	\$112,800	\$337,000
76	Osage Beach	Grand Glaize	19.0	\$488,300	\$1,339,600
77	Osceola	Osceola Municipal	0.5	\$11,900	\$27,800
78	Ozark	Air Park South	4.0	\$83,900	\$904,700
79	Perryville	Perryville Municipal	762.0	\$17,426,100	\$75,253,400
80	Piedmont	Piedmont Municipal	2.0	\$46,100	\$322,400
81	Point Lookout	M Graham Clark	66.5	\$1,662,100	\$2,472,500
82	Poplar Bluff	Poplar Bluff Municipal	23.5	\$497,700	\$1,702,700
83	Potosi	Washington County	4.5	\$110,900	\$719,200
84	Princeton	Princeton-Kauffman Memorial	0.5	\$1,600	\$13,300
85	Richland	Richland Municipal	0.5	\$11,900	\$85,300
86	Rolla	Rolla Downtown	3.5	\$67,000	\$208,200
87	Rolla/Vichy	Rolla National	54.0	\$1,202,200	\$3,713,500
88	Saint Charles	Saint Charles	126.0	\$1,736,900	\$5,677,100
89	Saint Charles	Saint Charles County Smartt	49.5	\$1,368,400	\$3,784,500
90	Saint Clair	Saint Clair Regional	7.5	\$183,800	\$328,900
91	Saint Joseph	Rosecrans Memorial	1,346.5	\$63,216,600	\$98,687,400
92	Saint Louis	Creve Coeur	20.5	\$426,400	\$2,661,100
93	Saint Louis*	Spirit of Saint Louis	2,952.5	\$112,208,400	\$398,141,800
94	Salem	Salem Memorial	5.0	\$106,900	\$206,100
95	Sedalia	Sedalia Memorial	38.5	\$816,300	\$2,181,500
96	Shelbyville	Shelby County	0.5	\$11,900	\$35,700
97	Sikeston	Sikeston Memorial Municipal	7.5	\$160,300	\$776,900
98	Slater	Slater Memorial	8.5	\$216,300	\$452,800
100	Steele	Steele Municipal	9.0	\$36,400	\$562,500
101	Stockton	Stockton Municipal	2.0	\$47,500	\$98,100
102	Sullivan	Sullivan Regional	14.5	\$249,200	\$983,300
103	Tarkio	Gould Peterson Municipal	6.5	\$126,600	\$388,200
104	Thayer	Thayer Memorial	4.0	\$97,000	\$234,800
105	Trenton	Trenton Municipal	5.5	\$131,800	\$900,000
106	Unionville	Unionville Municipal	2.0	\$46,100	\$153,200
107	Van Buren	Bollinger Crass Memorial	1.0	\$28,900	\$65,700
108	Versailles	Roy Otten Memorial	14.0	\$302,700	\$1,037,500



The total economic benefit of aviation activity in Missouri was quantified in terms of employment, payroll, and output (economic activity). The airports were extensively surveyed to measure the direct benefits associated with on-airport businesses and the indirect benefits related to visitor expenditures. The multiplier effect attributable to these activities was calculated to determine the total benefit of each airport. For example, when airport employees spend their earnings on local goods and services, that spending supports additional economic activity in the community. The total economic benefit of an airport includes all direct, indirect, and multiplier benefits.



When all economic benefits are combined, the Missouri Airport System contributes more than 149,500 quality jobs, nearly \$3.7 billion in payroll, and \$9.5 billion in total economic activity to the statewide economy. Of these benefits, general aviation creates over 11,000 jobs, \$363.7 million in payroll, and \$1.1 billion in output, while commercial air service activity is responsible for 138,500 jobs, \$3.3 billion in payroll, and \$8.4 billion in output.

THE ECONOMIC BENEFIT
OF GENERAL AVIATION

Employment:
11,000

Payroll:
\$363.7 million

Output:
\$1.1 billion

THE ECONOMIC BENEFIT OF
COMMERCIAL AIR SERVICE

Employment:
138,500

Payroll:
\$3.3 billion

Output:
\$8.4 billion

THE TOTAL BENEFIT OF
AVIATION IN MISSOURI

Employment:
149,500

Payroll:
\$3.7 billion

Output:
\$9.5 billion

SASP CODE	ASSOCIATED CITY	AIRPORT NAME	TOTAL EMPLOYMENT	TOTAL PAYROLL	TOTAL OUTPUT
Commercial Service Airports					
16	Cape Girardeau	Cape Girardeau Regional	142.0	\$3,532,500	\$12,016,100
23	Columbia	Columbia Regional	825.5	\$30,060,100	\$101,607,800
44	Joplin	Joplin Regional	256.0	\$7,447,100	\$20,980,200
NA	Kansas City*	Kansas City International	67,427.0	\$1,463,972,700	\$3,001,623,100
49	Kirksville	Kirksville Regional	33.0	\$1,012,200	\$2,817,700
NA	Saint Louis	Lambert-Saint Louis International	71,368.0	\$1,863,452,700	\$5,396,487,300
99	Springfield	Springfield-Branson Regional	1,994.5	\$51,813,300	\$162,867,100
112	Waynesville	Waynesville (Regional Airport at Forney Field)	63.0	\$1,762,200	\$3,378,500
Commercial Service Airports Total**			142,109.0	\$3,423,052,800	\$8,701,777,800
General Aviation Airports					
1	Albany	Albany Municipal	3.0	\$54,400	\$257,900
2	Aurora	Jerry Sumners Sr. Aurora Municipal	19.0	\$387,800	\$1,847,600
3	Ava	Ava Bill Martin Memorial	2.5	\$63,000	\$115,300
4	Bethany	Bethany Memorial	1.0	\$28,900	\$58,000
5	Bismarck	Bismarck Memorial	3.0	\$80,000	\$213,400
6	Bolivar	Bolivar Municipal	23.5	\$495,600	\$2,306,200
7	Boonville	Jesse Viertel Memorial	15.0	\$318,400	\$2,800,300
8	Bowling Green	Bowling Green Municipal	8.0	\$177,600	\$496,200
10	Buffalo	Buffalo Municipal	4.0	\$97,000	\$239,100
11	Butler	Butler Memorial	11.0	\$246,300	\$952,700
12	Cabool	Cabool Memorial	3.0	\$80,000	\$170,900
13	Camdenton	Camdenton Memorial	15.5	\$356,800	\$1,650,500
14	Cameron	Cameron Memorial	6.0	\$129,200	\$580,300
15	Campbell	Campbell Municipal	4.0	\$88,500	\$305,100
17	Carrollton	Carrollton Memorial	3.0	\$80,000	\$168,500
18	Caruthersville	Caruthersville Memorial	12.5	\$281,900	\$904,700
19	Cassville	Cassville Municipal	10.0	\$203,400	\$723,800
20	Charleston	Mississippi County	2.5	\$63,000	\$124,800
21	Chillicothe	Chillicothe Municipal	8.5	\$113,900	\$1,105,800
22	Clinton	Clinton Memorial	17.0	\$371,700	\$1,233,900
24	Cuba	Cuba Municipal	4.0	\$90,800	\$450,700
25	Dexter	Dexter Municipal	21.0	\$519,900	\$1,223,000
26	Doniphan	Doniphan Municipal	4.5	\$96,700	\$405,400
27	El Dorado Springs	El Dorado Springs Memorial	2.0	\$46,100	\$187,700
28	Eldon	Eldon Model Airpark	8.0	\$190,600	\$350,100
29	Excelsior Springs	Excelsior Springs Memorial	7.0	\$146,200	\$462,100



SASP CODE	ASSOCIATED CITY	AIRPORT NAME	TOTAL EMPLOYMENT	TOTAL PAYROLL	TOTAL OUTPUT
30	Farmington	Farmington Regional	14.5	\$346,100	\$973,800
31	Festus	Festus Memorial	41.0	\$827,300	\$3,264,100
32	Fredericktown	Fredericktown Regional	4.0	\$96,900	\$414,800
33	Fulton	Elton Hensley Memorial	26.0	\$531,500	\$2,352,500
34	Gainesville	Gainesville Memorial	1.0	\$28,900	\$82,300
35	Gideon	Gideon Memorial	5.0	\$94,500	\$346,200
36	Grain Valley	East Kansas City	21.0	\$270,800	\$1,242,800
37	Hannibal	Hannibal Municipal	15.0	\$366,400	\$3,571,500
38	Harrisonville	Lawrence Smith Memorial	40.0	\$917,800	\$3,250,900
39	Hermann	Hermann Municipal	2.0	\$46,100	\$107,100
40	Higginsville	Higginsville Industrial Municipal	18.0	\$422,300	\$1,874,200
41	Hornersville	Hornersville Memorial	1.0	\$28,900	\$87,200
42	Houston	Houston Memorial	6.5	\$165,200	\$356,300
43	Jefferson City	Jefferson City Memorial	211.5	\$6,360,800	\$11,033,400
45	Kahoka	Kahoka Municipal	0.5	\$11,900	\$64,600
46	Kaiser/Lake Ozark	Lee C Fine Memorial	14.5	\$400,300	\$1,850,700
47	Kansas City*	Charles B Wheeler Downtown	572.0	\$12,199,200	\$44,548,500
48	Kennett	Kennett Memorial	33.0	\$745,700	\$3,277,800
50	Lamar	Lamar Municipal	10.0	\$243,300	\$938,200
51	Lebanon	Floyd W Jones	24.5	\$570,900	\$1,578,200
52	Lee's Summit	Lee's Summit Municipal	89.5	\$2,396,900	\$8,417,000
53	Lexington	Lexington Municipal	45.0	\$304,000	\$3,290,900
54	Lincoln	Lincoln Municipal	2.5	\$63,000	\$113,200
55	Linn	Linn State Technical College	13.5	\$276,700	\$998,800
56	Macon	Macon-Fower Memorial	20.0	\$318,000	\$590,500
57	Malden	Malden Regional	19.0	\$498,100	\$1,839,800
58	Mansfield	Mansfield Municipal	3.0	\$80,000	\$164,500
59	Marble Hill	Twin City Airpark	2.5	\$63,000	\$125,400
60	Marshall	Marshall Memorial Municipal	8.0	\$170,800	\$1,160,000
61	Maryville	Maryville Memorial	9.0	\$170,600	\$598,600
62	Memphis	Memphis Memorial	1.0	\$28,900	\$85,700
63	Mexico	Mexico Memorial	40.0	\$892,500	\$3,408,100
64	Moberly	Omar N Bradley	11.5	\$399,300	\$1,416,700
65	Monett	Monett Municipal	85.5	\$2,608,200	\$26,394,900
66	Monroe City	Monroe City Regional	8.5	\$214,300	\$437,400
67	Montgomery City	Montgomery-Wehrman	4.0	\$82,600	\$319,000
68	Monticello	Lewis County Regional	2.0	\$46,100	\$104,900
69	Mosby	Clay County Regional	15.0	\$322,100	\$1,449,400

